

CONCORDIA UNIVERSITY

Council of the Faculty of Engineering and Computer Science

Minutes of Meeting 2003-06

held

Friday, October 31, 2003, 2:00 p.m., H-769

<b>Present:</b>	N. Esmail (Chair)	N. Howe	G. Papadakis
	M.O. Ahmad	R. Jaradeh	C. Paradisis
	K. Demirli	A. Kassam (for J. Daigle)	O.A. Pekau
	M. Di Pietrantonio	F. Khendek	M.D. Pugh
	R. Dssouli	C. Lam	Y.R. Shayan
	T. Fancott	H.F. Li	N. Shiri-Varnaamkhaasti
	A.M. Hanna	W.E. Lynch	C.Y. Su
	L. Harris	B. Mackenzie	C.W. Trueman
	I. Hassan	C. Mulligan (for O. Moselhi)	G.H. Vatisstas
	S.V. Hoa	J. Opatrny	R.G. Zmeureanu
<b>Observer:</b>	L. Zack		
<b>Regrets:</b>	A.T. Abdel-Hamid	R. Mizouni	L. Quesnel
	N. Benjamin	T. Nalbandian	T. Radhakrishnan
	S. Ghaderpanah	H.B. Poorooshasb	M. Ren
<b>Guests:</b>	N. Plant	R. Quinn	D. Wright

1. Adoption of Agenda

An amendment was made to the agenda by adding one more item regarding the undergraduate calendar update for the joint program between Computer Science and Fine Arts.

**Motion** That the agenda be adopted, as amended (R. Dssouli, G. Vatisstas)  
**03-06-01**

Vote: Carried unanimously

2. Adoption of Minutes

The following corrections were identified:

- Page 1, list of faculty members present at meeting 2003-05: add the name of George Papadakis to the attendance list which was not signed by the member due to his late arrival at the meeting.
- Page 5, Item 6, Graduate Curriculum Changes: **Motion 03-05-05** should read as follows: **That Slot Courses INDU 691 from the Department of MIE and ELEC 691X from the Department of ECE, be approved by Council.**

Motion  
03-06-02

**That the Minutes of Meeting 03-05 (September 26, 2003) be adopted,  
as corrected (M.D. Pugh, M.O. Ahmad)**

Vote: Carried unanimously

3.

### Chair's Remarks

#### Professional Engineering Week

The Chair thanked everyone who was involved in the Professional Engineering Fair. This event, the first of its kind in Quebec and in Canada, was very successful. It has allowed Concordia to forge a solid relationship with the Ordre des ingénieurs du Québec (OIQ) and to achieve the following objectives:

- To hold a workshop between engineering professionals from the OIQ and Concordia professors to discuss ethics and professionalism
- To hold conferences lead by high-caliber engineers in the profession and have them share their experiences with undergraduate students regarding the 4 fundamental values of an engineer: competence, responsibility, social commitment and ethical conduct
- Raise the profile of the engineering profession within the university community and the population at large.

#### Faculty Awards Day

The Chair announced that the Faculty Awards Day will be held on November 5, 2003. For the second year, over 140 students who have achieved a GPA of 3.75 or higher will be placed on the Dean's list. Like last year, this event will certainly be a gratifying experience for both parents and professors alike

#### Ethics and Examinations

The Chair announced that a workshop on Academic Ethics and Examinations will be held on November 11, 2003. The Chair remarked that with the rise in technology, students now have access to pocket and wireless technology which has made testing and examinations more difficult. Although the university has actively prosecuted students who cheat, professors need to review the methods and tools being used to test students to ensure these are in line with the rise in technology. As a result, we need to examine whether professors have an obligation to adapt to this evolving technology.

#### Teaching Loads

The Chair referred to his recent visit to McMaster University as a member of the CEAB accreditation team. He noted that teaching loads range between 12 to 16 hours of contact per semester. In essence, although faculty members teach perhaps three or four courses, each course necessitates four to five hours of student/professor contact between lectures and tutorials.

#### New Building

The Chair remarked that the building is rising as scheduled. Consequently, the structure should be delivered by January 2005, as expected.

## CLOSED SESSION

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## OPEN SESSION

### 5. Undergraduate Curriculum Changes (ECFC Doc. 2003-06-01A)

Dr. Lynch presented curriculum changes pertaining to Software Engineering and Computer Science, three of which contribute to accreditation.

Lengthening the programme to 120 credits: Students registered in Software Engineering must complete a minimum of 120 credits during four years of full-time study in line with the standard length of our other four **accredited programmes** (COEN, ELEC, INDU and MECH).

Elimination of ENCS 245 from the SOEN Basic Science List: The deletion of ENCS 245 (not a classical Basic Science course) from the Basic Science list will in fact enhance the Basic Science background and **contribute to accreditation** of the Software Engineering Programme.

Lengthening of tutorial programmes: In order to enhance student education and **contribute to accreditation**, the duration of tutorials has increased from 1 to 2 hours for the following courses: COMP 228, COMP 229, COMP 238, COMP 239, COMP 248, COMP 249, SOEN 228 and SOEN 229.

To correct the editorial lapses, the first change pertains to ENGR 275 (part of the Engineering core), now reflected as ELEC 275. The second editorial change involves the deletion of the word "Functions" from the description for COMP 238.

Addition of courses to the SOEN Elective List: Since the proposed Elective courses are taken by Software Engineering students with special permission and are appropriate courses for them, these courses were added to the allowed electives for SOEN students.

CEGEP Math courses (COMP 228, COMP 238, COMP 248 and COMP 249) previously prerequisites, were made co-requisites to ensure students receive adequate math background while taking COMP courses. Consequently, several other courses requiring these four as prerequisites, had these co-requisites added as prerequisites to ensure that students did not register for follow on courses. These follow-on courses are COMP 229, COMP 239, and COMP 249.

ENCS 282 was added as a prerequisite to COMP 354: Report writing is mandatory for this course and an appropriate background in technical writing is required.

Change of title, description and pre-requisite of SOEN 337: The new course title is more appropriate for this course. The new description more adequately emphasizes all parts of Software development and the new prerequisite supports that.

Motion  
03-06-19

That Document ECFC 2003-06-01A be approved  
(R. Dssouli, S.V. Hoa)

Vote: carried unanimously

6. **Undergraduate Calendar Changes (ECFC Doc. 2003-06-01B)**

Dr. Lynch introduced two calendar changes. The first pertains to the curriculum regulations of the university (Section 16.2), while the other provides additional explanation in the Faculty calendar pages (Section 71.10.7). Both these changes indicate that in our accredited programmes, the default is that graduating students must substantially meet the calendar in force in the winter term just prior to degree conferral rather than the calendar they were admitted on. This latter situation remains the case in Computer Science and in other programmes in the university.

The Chair remarked that although the Provost was reviewing the possibility that all university programmes adopt these changes, we are moving this item at Faculty Council in order to avoid missing the calendar deadline.

**Motion**                    **That Document ECFC 2003-06-01B be approved**  
**03-06-20**                    (R. Dssouli, M.O. Ahmad)

Vote: carried unanimously

7. **Undergraduate Calendar Update (ECFC Doc. 2003-06-03)**

This item was added to the agenda and pertains to an undergraduate calendar update for the joint programs between Fine Arts and Computer Science. Each component of the program consists of 45 credits each. The document update involves additional courses added to the program core and elective courses as part of the completion of the offerings in the Digital Image/Sound program. With this change, the calendar pages in the ENCS Section are being made consistent with corresponding pages in the Fine Arts Section.

**Motion**                    **That Document ECFC 2003-06-03 be approved**  
**03-06-21**                    (R. Dssouli, T. Fancott)

Vote: Carried unanimously

8. **Graduate Calendar Changes (ECFC Doc. 2003-06-02)**

Dr. Vatisstas presented one graduate curriculum change involving the introduction of a slot course from the Department of Computer Science.

**Motion**                    **That Slot Course COMP 691X - Software Measurement: Theory and Practice**  
**03-06-22**                    **(4 credits), be approved (R. Dssouli, S.V. Hoa)**

Vote: carried unanimously

9. **Other Business**

There was no other business.

10. **Adjournment**

The meeting was adjourned at 3:45 p.m.

/mdp